



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v1.8

Stylesheet Version v1.8.0

Title of Invention	Method and apparatus for considering diagonal wiring in placement						
Application Number:		09/731891	*09/731891*				
Confirmation Number:		1036					
First Named Applicant:		Steven Teig					
Attorney Docket Number:		SPLX.P0002					
Art Unit:		2825					
Examiner:		Thuan V. Do					
Search string:		(4777606 or 5224057 or 5519836 or 5699265 or 6038385 or 6085032 or 6088519 or 6154874 or 6240541 or 6349403 or 6366279 or 6442745 or 6505331 or 6601227 or 20030014725 or 20040044979).pn.					
 US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
TD	1	4777606	1988-10-11	Fournier			
TD	2	5224057	1993-06-29	Igarashi et al.			
TD	3	5519836	1996-05-21	Gawlick et al.			
TD	4	5699265	1997-12-16	Scepanovic et al.			
TD	5	6038385	2000-03-14	Scepanovic et al.			
TD	6	6085032	2000-07-04	Scepanovic et al.			
TD	7	6088519	2000-07-11	Koford			
TD	8	6154874	2000-11-28	Scepanovic et al.			
TD	9	6240541	2001-05-29	Yasuda et al.			
TD	10	6349403	2002-02-19	Dutta et al.			
TD	11	6366279	2002-02-04	Gorman	B1		

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Based on PTO/SB/08 a & b (05-03)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> <div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block; transform: rotate(-15deg);"> AUG 16 2004 U.S. PATENT & TRADEMARK OFFICE </div>				Complete If Known	
		Application Number	09/731,891		
		Filing Date	12/6/2000		
		First Named Inventor	Steven Teig		
		Group Art Unit	2825		
		Examiner Name	Thuan Do		
		Attorney Docket Number	SPLX.P0002		
Sheet	1	of	1		

FOREIGN PATENT DOCUMENTS								
Examiner's Initials	Cite No. ¹	Foreign Patent Document			Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code (if known) ⁵				
TD	1.	JP	02-262354		10-25-1990	Kuribayashi, Mototaka		

NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
TD	2.	CONG J. et al., DUNE – A Multilayer Gridless Routing System, May 2001, IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, vol 20, iss. 5, pp. 633-647.	

Examiner Signature		Date Considered	10-18-04
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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TD	12	6442745	2002-08-27	Arunachalam et al.	B1
TD	13	6505331	2003-01-07	Bracha et al.	B1
TD	14	6601227	2003-07-21	Trimberger	B1

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

Init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
TD	1	20030014725	2003-01-16	Sato et al.	A1		
TD	2	20040044979	2004-03-04	Aji et al.	A1		

Signature

Examiner Name	Date
<i>Shuando</i>	10-18-04